# 2008 Regional Trainings

## New Release of CAL Software

CAL Testing Engine - Automatic Update:

Currently your computers have CAL version 4.5. This version will not function for the Spring 2008 administration and will need to be updated. The CAL test delivery engine has an automatic update agent that checks for updates every time the CAL engine is launched. If an update is available, it will be automatically downloaded and deployed onto the computers.  For the update to succeed, the systems must be logged in by a user with privileges to write to the folder where the CAL software was installed (C:\Program Files\ISAT\ for Windows, /Applications/ISAT/ for MAC OS X).

The default installation of the CAL system changes the access permissions of all the files in the CAL installation folder so that any user of the system has write privileges to the files. This change will allow any user in the system to automatically receive and deploy the updates.

The automatic update agent also requires that users have privileges to write to their home directory (C:\Documents and Settings\<user>\ for Windows and /Users/<user>/ for Mac OS X) where the following file is automatically created (.powerupdate.user.properties).

Finally, the automatic update agent works directly between the end computers in schools and the CAL central servers (no intervention of the Local Caching server). This means that each of your computers must be able to connect to our central servers in order for updates to occur automatically.

If technology staff does not change the default installation of CAL, if users have permissions to write to their home directory, and if each of the computers in your school is able to connect directly to the CAL central servers, automatic updates should occur in your systems regardless of the access level of the users.

Any school that is not able to get automatic updates due to any of the restrictions described above will have the following options to get the updates:

1. When a new update is available, have a user with administrative access level launch the CAL application so updates are automatically deployed.
2. Use the MSP patches that are available in the CAL Download Center and execute them manually on each computer, or remotely on all your computers using technologies such as Group Policy or Novell ZenWorks.

Local Caching Server – Manual Update:

The Local Caching Server (LCS) does not have an automatic update agent; it requires a **manual** reinstallation. This should not be a major problem since the LCS is usually installed in a single computer in each school. Keep in mind that the LCS is optional.